Title (en)

EXPANDABLE STENT WITH CONSTRAINED END

Title (de)

EXPANDIERBARER STENT MIT BEGRENZTEM ENDE

Title (fr)

STENT EXPANSIBLE COMPRENANT UNE EXTRÉMITÉ CONTRAINTE

Publication

EP 3240504 A2 20171108 (EN)

Application

EP 15876209 A 20151229

Priority

- US 201462098710 P 20141231
- US 2015067955 W 20151229

Abstract (en)

[origin: WO2016109597A2] A stent graft having a tubular stent frame including a plurality of connected struts that form a wall extending along a longitudinal axis from a first end to a second end is described. The stent frame may have a substantially uniform expanded diameter from the first end to the second end, a first expanded polytetrafluoroethylene (ePTFE) covering positioned over an abluminal surface of the tubular stent frame, and a second ePTFE covering positioned over a luminal surface of the tubular stent frame. The second ePTFE covering may be joined to the first ePTFE covering through the tubular stent frame wall at the expanded diameter to form an encapsulated stent. The encapsulated stent may have a reduced diameter section at a first end of the encapsulated stent that is less than the expanded diameter.

IPC 8 full level

A61F 2/07 (2013.01)

CPC (source: EP US)

A61F 2/07 (2013.01 - EP US); A61F 2/90 (2013.01 - EP); A61F 2/915 (2013.01 - EP); A61F 2002/072 (2013.01 - EP US); A61F 2220/005 (2013.01 - US); A61F 2240/001 (2013.01 - EP); A61F 2250/0039 (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016109597 A2 20160707; **WO 2016109597 A3 20160915**; CA 2972465 A1 20160707; CN 107106286 A 20170829; EP 3240504 A2 20171108; EP 3240504 A4 20180815; JP 2018500131 A 20180111; US 2017360552 A1 20171221

DOCDB simple family (application)

US 2015067955 W 20151229; CA 2972465 A 20151229; CN 201580071384 A 20151229; EP 15876209 A 20151229; JP 2017534922 A 20151229; US 201515539567 A 20151229